

### CLAIMS

What is claimed is:

1. A method for forming an anthelmintic formulation, comprising the steps of:
  - a) preparing a first combination comprising an avermectin and water;
  - b) preparing a second combination comprising a tetrahydropyrimidine and water;
  - c) preparing a third combination comprising a hexahydropyrazinoisoquinoline and water, wherein the avermectin, tetrahydropyrimidine and hexahydropyrazinoisoquinoline combinations together comprise an anthelmintic combination;
  - d) forming solids from the first, second and third combinations, said solid forming step comprising spray granulating at least one of the first, second or third combinations; and
  - e) combining the solid combinations with one or more appropriate excipients to provide the combinations in a form suitable to be administered to a mammal.
2. The method of claim 1, wherein the anthelmintic combination comprises ivermectin.
3. The method of claim 1, wherein the anthelmintic combination comprises at least about 0.005% ivermectin.
4. The method of claim 1, wherein the anthelmintic combination comprises about 0.012-5% ivermectin.
5. The method of claim 1, wherein the anthelmintic combination comprises pyrantel.
6. The method of claim 1, wherein the anthelmintic combination comprises at least about 1.5% pyrantel.
7. The method of claim 1, wherein the anthelmintic combination comprises about 11.2-23% pyrantel.
8. The method of claim 1, wherein the anthelmintic combination comprises praziquantel.
9. The method of claim 1, wherein the anthelmintic combination comprises at least about 2.0% praziquantel.

10. The method of claim 1, wherein the anthelmintic combination comprises about 11.2-23% praziquantel.
11. The anthelmintic formulation, which is formed by the method of claim 1.
12. The anthelmintic formulation, which is formed by the method of claim 2.
13. The anthelmintic formulation, which is formed by the method of claim 5.
14. The anthelmintic formulation, which is formed by the method of claim 8.
15. The anthelmintic formulation, which is formed by the method of claim 1, comprising at least about 0.005% ivermectin, at least about 1.5% pyrantel and at least about 2.0% praziquantel.
16. The method of claim 1, wherein the solid forming step comprises spray granulating ivermectin.
17. A method for forming an anthelmintic formulation comprising the steps of:
  - a) preparing a first combination comprising an avermectin and an alcohol;
  - b) preparing a second combination comprising a tetrahydropyrimidine and an alcohol;
  - c) preparing a third combination comprising a hexahydropyrazinoisoquinoline and an alcohol, wherein the avermectin, tetrahydropyrimidine and hexahydropyrazinoisoquinoline combinations together comprise an anthelmintic combination;
  - d) forming solids from the first, second and third combinations, said solid forming step comprising spray granulating at least one of the first, second or third combinations; and
  - e) combining the solid combinations with one or more appropriate excipients to provide the combinations in a form suitable to be administered to a mammal.
18. The method of claim 17, wherein the anthelmintic combination comprises ivermectin.
19. The method of claim 17, wherein the anthelmintic combination comprises at least about 0.005% ivermectin.

20. The method of claim 17, wherein the anthelmintic combination comprises about 0.012-5% ivermectin.
21. The method of claim 17, wherein the anthelmintic combination comprises pyrantel.
22. The method of claim 17, wherein the anthelmintic combination comprises at least about 1.5% pyrantel.
23. The method of claim 17, wherein the anthelmintic combination comprises about 11.2-23% pyrantel.
24. The method of claim 17, wherein the anthelmintic combination comprises praziquantel.
25. The method of claim 17, wherein the anthelmintic combination comprises at least about 2.0% praziquantel.
26. The method of claim 17, wherein the anthelmintic combination comprises about 11.2-23% praziquantel.
27. The method of claim 17, wherein the alcohol is selected from the group consisting of ethanol, butanol, benzyl alcohol, methanol and isopropanol.
28. The anthelmintic formulation, which is formed by the method of claim 17.
29. The anthelmintic formulation, which is formed by the method of claim 18.
30. The anthelmintic formulation, which is formed by the method of claim 21.
31. The anthelmintic formulation, which is formed by the method of claim 24.
32. The anthelmintic formulation, which is formed by the method of claim 17, comprising at least about 0.005% ivermectin, at least about 1.5% pyrantel and at least about 2.0% praziquantel.
33. The method of claim 17, wherein the solid forming step comprises spray granulating ivermectin.